

FIG. 1
(PRIOR ART)

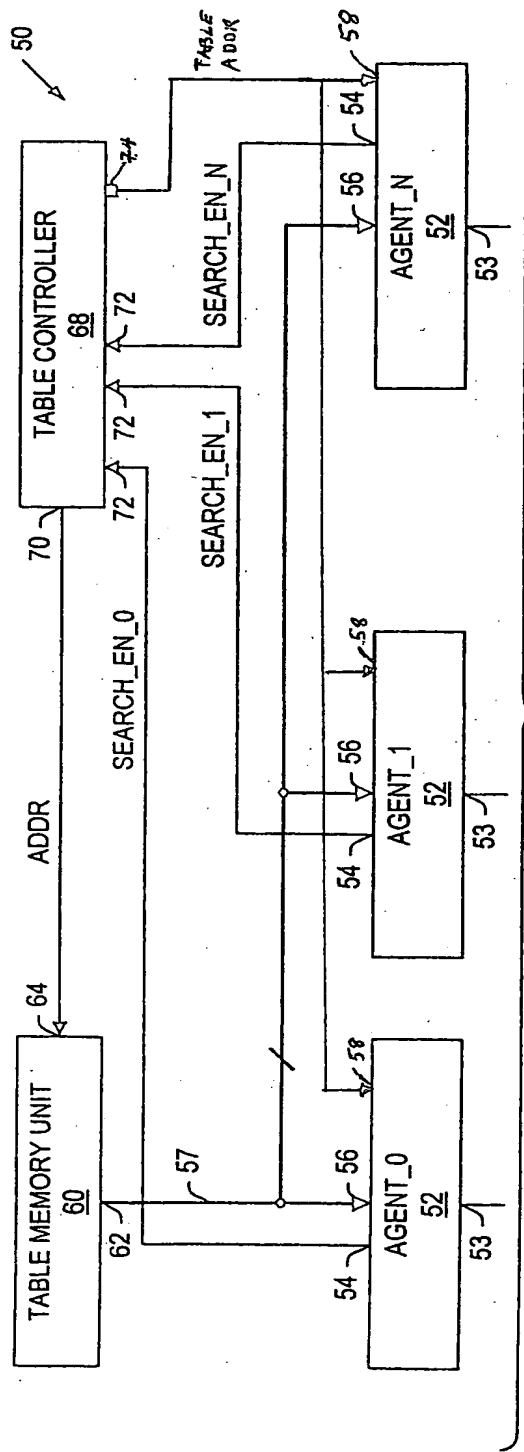


FIG. 2A

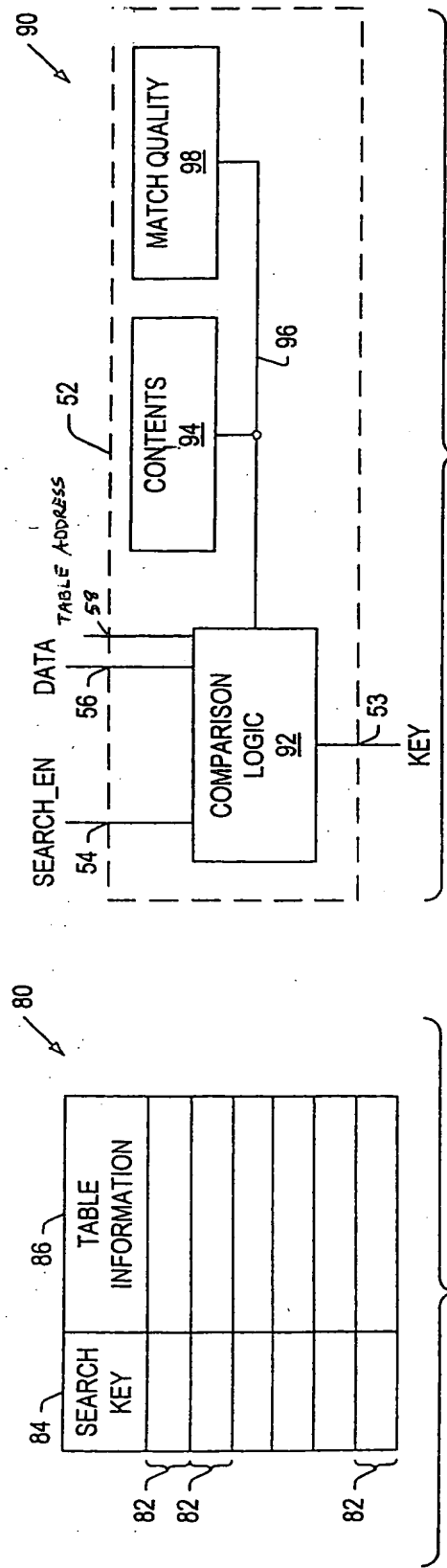


FIG. 2B

FIG. 2C

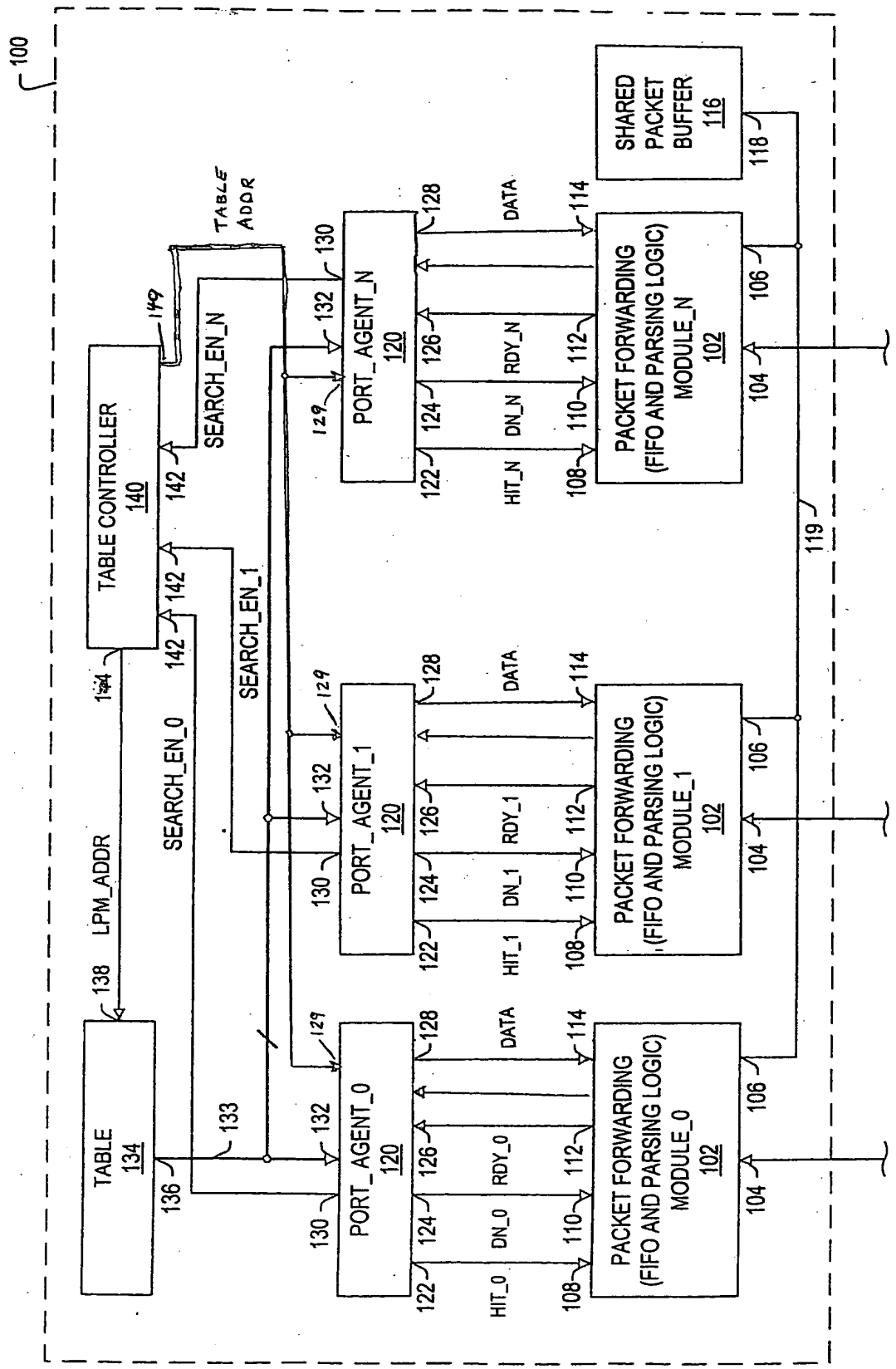


FIG. 3

180

184 186 188 190 192 194

SRAM ADDRESS	IP ADDRESS (32 bits)	MASK VALUE (5 bits)	MAC ADDRESS (48 bits)	DEST. PORT (5 bits)	VLAN ID (12 bits)
6'H0					
6'H1					
6'H2					
6'H3					
6'H4					
6'H3b					
6'H3c					
6'H3d					
6'H3e					
6'H3f					

FIG. 4

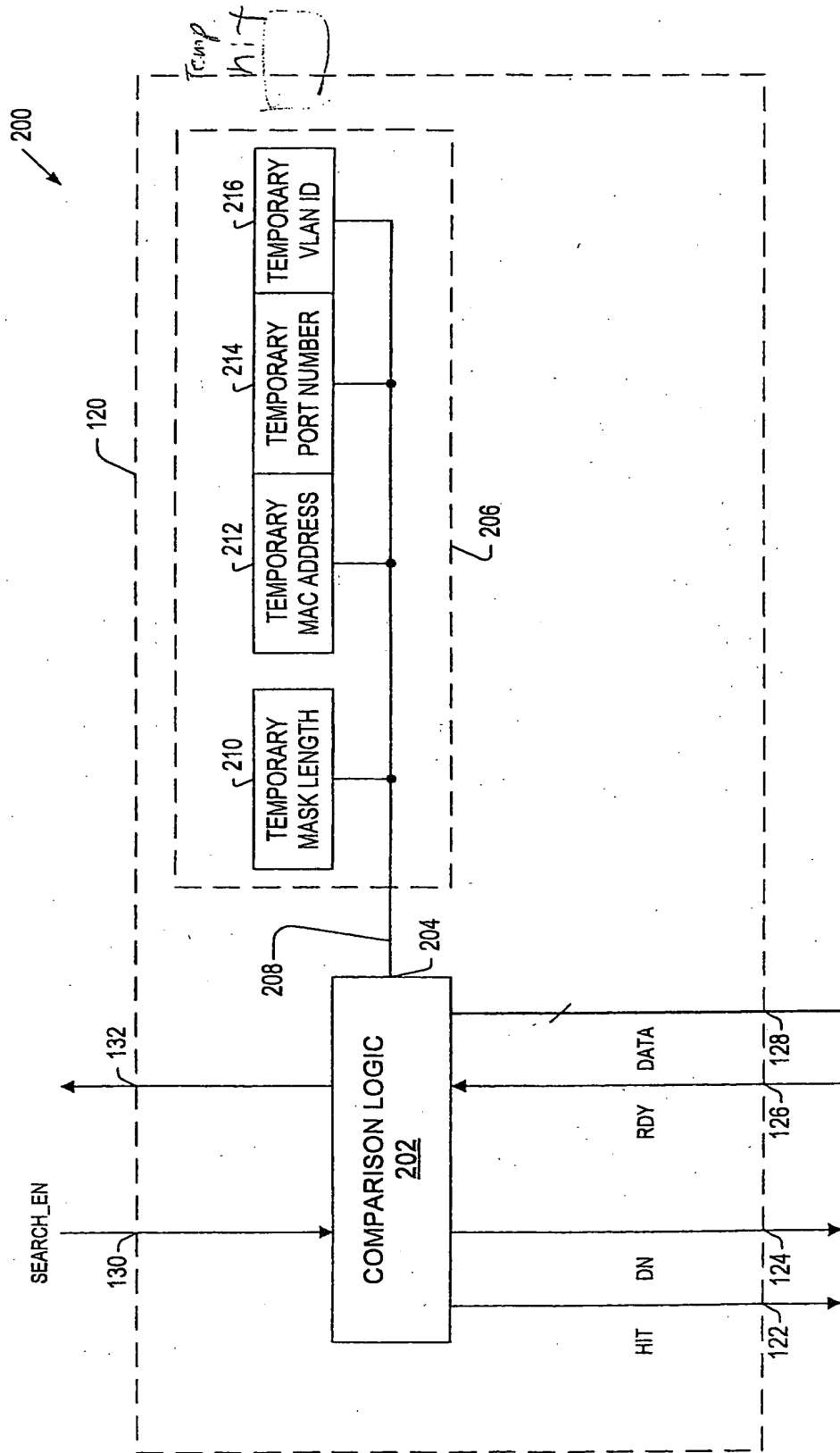


FIG. 5

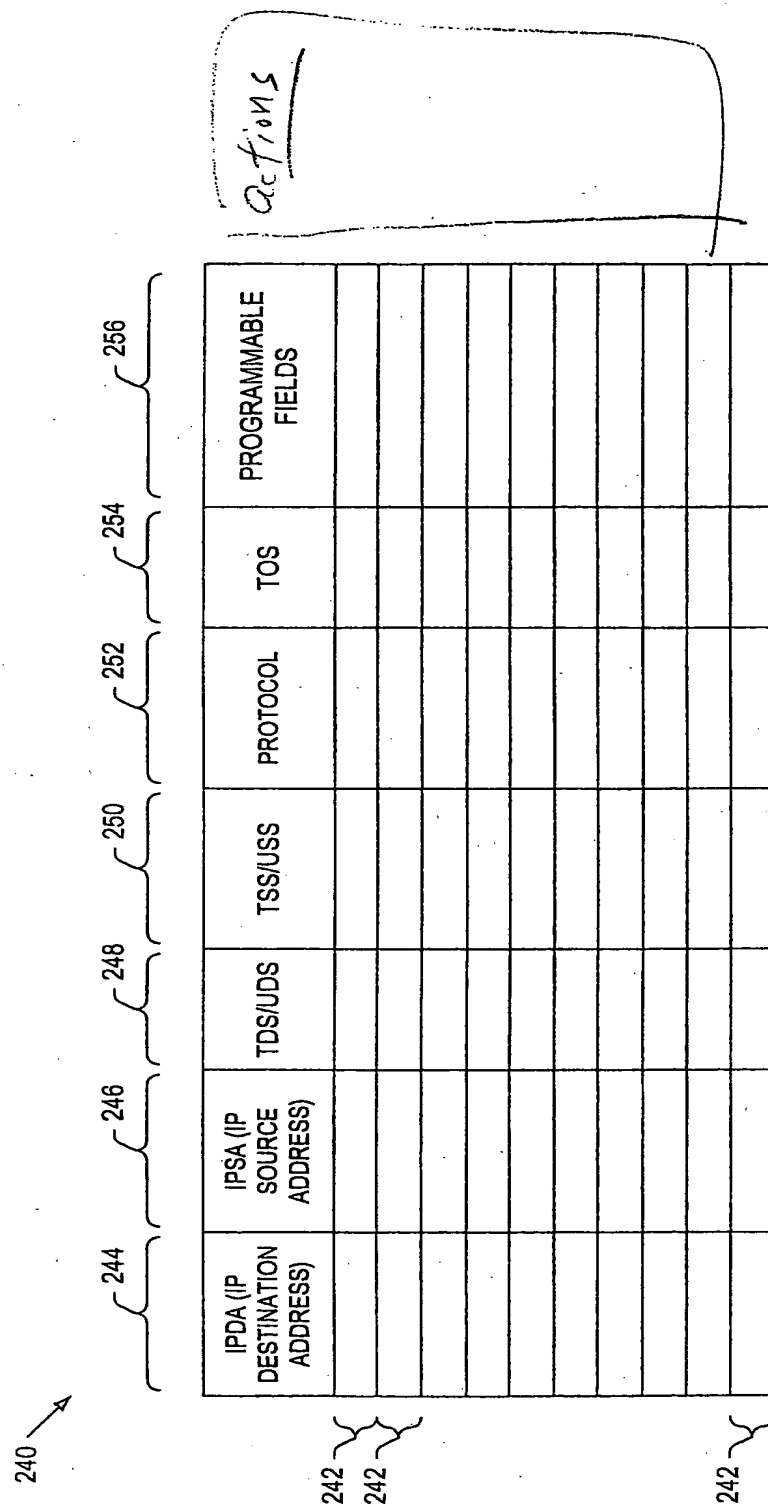


FIG. 6

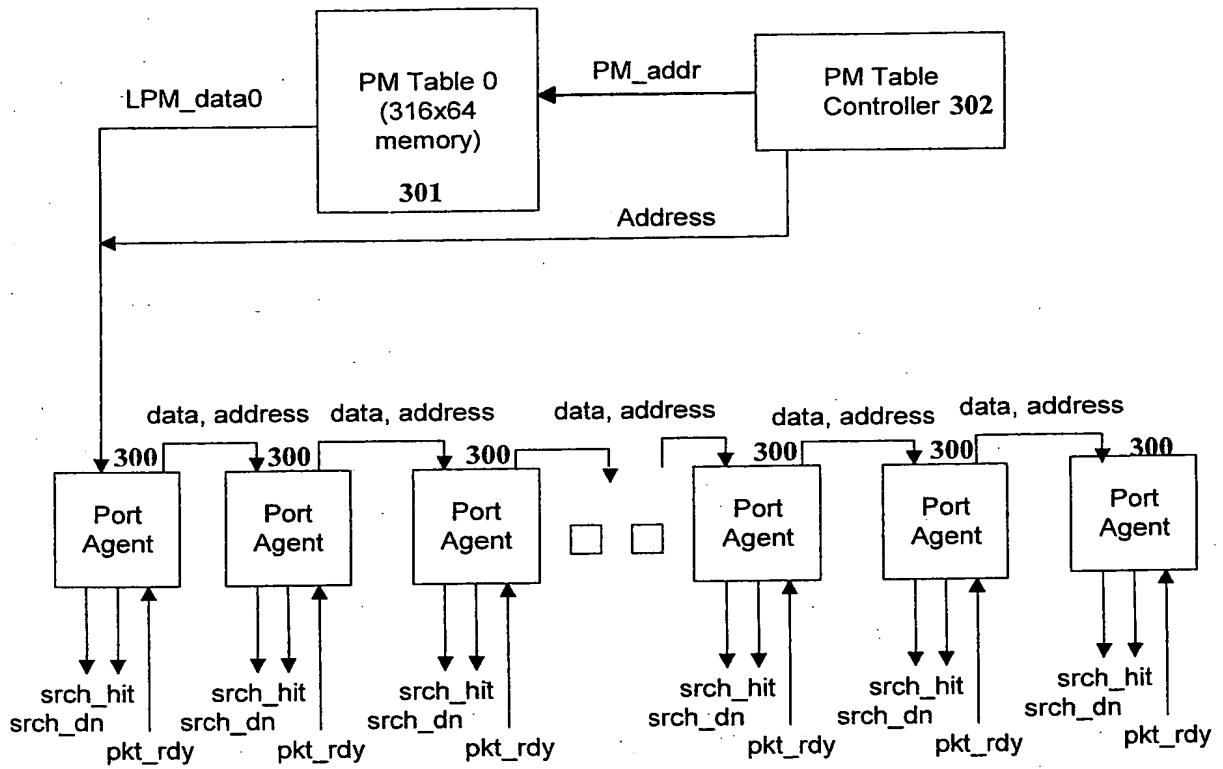


Figure 7